

### ABSTRACT OF THE DISCLOSURE

A dual throw advancer/retractor has a pair of finger rings that can independently advance or retract a medical device into a catheter. The advancer/retractor has a body and a channel wherein each finger ring moves independently in the channel. One end of  
5 the medical device is preferably secured to the body and forms a loop within the finger ring such that movement of the finger ring creates an amplified movement in the medical device.